



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

SWA6A-800A
Job Sheet 169560



Part No: SWA6A-800A

Job Qty: 5 ea

Part Name: Connector Bushing



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 12/13/17

Job Tracking No:

Due Date: 12/29/17

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG SWA6A-800A Rev4 IPP Rev A 17.11.16 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	5 Ea		12/28/17	0.00	0.00	Start Up Machining-4		
110	CNC Lathe	5 pcs		12/29/17	0.00	1.25	MORI SL-154		
120	QC	5 pcs		12/29/17	0.00	0.00	QC2		
130	QC	5 pcs		12/29/17	0.00	0.00	QC8		
140	QC	5 pcs		12/29/17	0.00	0.00	QC5		
150	Outsource	5 pcs		12/29/17	0.00	0.00	Outsource4		
160	Packaging	5 pcs		12/29/17	0.00	0.00	Packaging2		
170	QC	5 pcs		12/29/17	0.00	0.00	QC6		
180	Packaging	5 pcs		12/29/17	0.00	0.00	Packaging3		
190	QC21-SA	5 Ea		12/29/17	0.00	0.00	QC21		

Part Op 110 - 1-Machine as per DWG. FB _____ FOLIO REV: _____ DWG REV: _____ 2-Deburr
Descriptions: 150 - Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER
SEAL - Certificate of Conformity is required

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6R1375 1.250	0	12 0.042 x QTY	0	0

Part Specifications

Specifications could not be found.

Plex 12/13/17 2:09 PM Dart.lajeunesse.marie

23

5008425

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐		Cross tube ☐ Water Jet ☐ Engineering ☐	
Date : _____		Step #: _____		QTY Effective : _____			
Description Work Order Deviation							

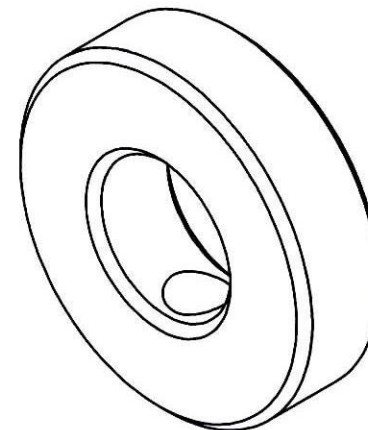
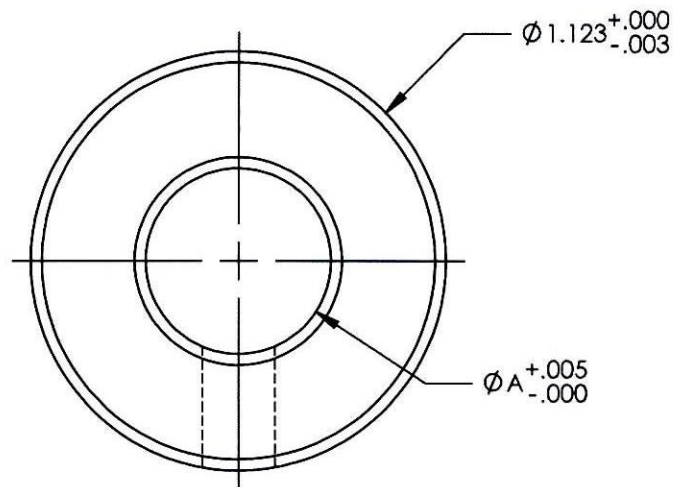
Root Cause				FAUI			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/U	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐				
Misidentified	☐	Past Due	☐	OTHER : _____			

Dart Aerospace Ltd.1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADATEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

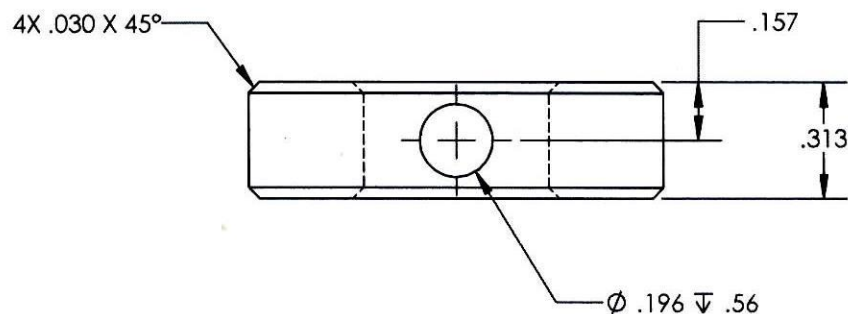
S026924
**Connector Bushing****SWA6A – 800A**
PART NO:
Revision:
Operation:
Change No:
Start up Operation
Mfg Date: 12/23/17
Job No: 169560

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
4	AS DRAWN BY CANAM	11/13/2012	JAG	



SHOP COPY
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 169 560 MJS
17-02-13



USAGE TABLE		
PART NO	DIM A	FITS CONNECTORS
SWA6A-800A	.499	#230, #331
SWA6A-800B	.625	#330, #430
SWA6A-800C	.874	#630

RED BARN MACHINE	
CONNECTOR BUSHING	
DWG NO. SWA6A-800	REV 4
MAT'L 6061-T6	DRAWN BY: CANAM
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .006	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH CLEAR ANODIZE
SPEC MIL-A-8625, TYPE III, CLASS I	
USED ON MODEL	
SCALE 2:1	DATE 2/19/2002
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Tool NO.	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS
			SWA6A-800	1	CONNECTOR BUSHING	6061-T6	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
<i>[Faint handwritten notes visible through the paper]</i>					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada
Tel (613) 632-5200

PURCHASE ORDER

PO038727

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalonde, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO038727
PO Date: 1/5/18
Due Date: 1/12/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Baker, DianePhone:
dbaker@dartaero.com

Via: Ground
Pymt Terms: Net 30

Freight Terms:
Special Comments:

Line	Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		169405	647.1513	Upper Deflector Issue P/O to ATG: Hard Anodize Color Black / Prime as per Dwg 647.1500 Rev. D	Firmed	1/11/18	12 pcs	0 pcs	12 pcs	\$12.45/pcs	\$149.40

Line Item Note #1 Priority - RUSH!!!											
2	Clip	168276	647.0114	Issue P/O ATG, black anodize and prime as per dwg 647.0114 Rev. A	Firmed	1/30/17	50 pcs	0 pcs	50 pcs	\$10.20/pcs	\$510.00
3	Clip	168277	647.0115	Issue P/O to ATG: 1- Hard Anodize Color Black And Prime as per Dwg 647.0100 Rev. A	Firmed	1/30/17	50 pcs	0 pcs	50 pcs	\$10.20/pcs	\$510.00
4	Panel	168273	647.0111	Issue P/O to ATG: Hard Anodize, Color Black / Prime as per Dwg 647.0100 Rev. A	Firmed	1/30/17	15 pcs	15 pcs	15 pcs	\$39.95/pcs	\$599.25
5	Doublet	168278	647.0116	Issue P/O ATG, black anodize and prime as per dwg 647.0116 Rev. A	Firmed	1/30/17	15 pcs	0 pcs	15 pcs	\$8.10/pcs	\$121.50
6	Lower Deflector	168286	647.1511	Issue P/O to ATG: Hard Anodize Color Black, Prime as per Dwg 647.1500 Rev. D	Firmed	1/30/17	4 pcs	0 pcs	4 pcs	\$11.85/pcs	\$47.40

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	169472	647.1612	Splice Plate Issue P/O _____ ATG, black anodize and prime as per dwg 647.1612 Rev. A	Firmed	1/30/17	12 pcs	0 pcs	12 pcs	\$7.60/pcs	\$91.20
8	168031	647.3916	Deflector Issue P/O to ATG : _____ Hard Anodize Color Black, Prime as per Dwg 647.3900 Rev. C	Firmed	1/30/17	2 pcs	0 pcs	2 pcs	\$18.80/pcs	\$37.60
9	168033	647.4114	Shim Issue P/O _____ ATG, black anodize and prime as per dwg 647.4114 Rev. N/C	Firmed	1/30/17	10 pcs	0 pcs	10 pcs	\$6.95/pcs	\$69.50
10	168034	647.4115	Shim Issue P/O _____ ATG, black anodize and prime as per dwg 647.4115 Rev. N/C	Firmed	1/30/17	10 pcs	0 pcs	10 pcs	\$6.95/pcs	\$69.50
11	169394	647.7913	Doubler Issue P/O _____ ATG, black anodize and prime as per dwg 647.7913 Rev. A	Firmed	1/30/17	10 pcs	0 pcs	10 pcs	\$8.10/pcs	\$81.00
12	168215	646.2910	Deflector Issue P/O to ATG : _____ Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C	Firmed	1/30/17	2 pcs	0 pcs	2 pcs	\$48.70/pcs	\$97.40
13	168247	646.3717	Doubler Issue P/O _____ ATG, black anodize and prime as per dwg 646.3717 Rev. A	Firmed	1/30/17	20 pcs	0 pcs	20 pcs	\$6.95/pcs	\$139.00
14	168248	646.3718	Custom Washer Issue P/O _____ ATG, black anodize and prime as per dwg 646.3718 Rev. A	Firmed	1/30/17	40 pcs	0 pcs	40 pcs	\$4.65/pcs	\$186.00
15	168249	646.3719	Doubler Issue P/O _____ ATG, black anodize and prime as per dwg 646.3719 Rev. A	Firmed	1/30/17	12 pcs	0 pcs	12 pcs	\$6.95/pcs	\$83.40
16	168251	646.3811	Radius Block Issue P/O _____ ATG, black anodize and prime as per dwg 646.3811 Rev. A	Firmed	1/30/17	10 pcs	0 pcs	10 pcs	\$7.25/pcs	\$72.50
17	168228	646.3312	Center Plate Issue P/O to ATG : _____ Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	1/30/17	8 pcs	0 pcs	8 pcs	\$12.75/pcs	\$102.00

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
18	169361	646.9813	Lower Deflector Low Issue P/O to ATG : Hard Anodize Black and Prime as Per Dwg 646.9800 Rev. A	Firmed	1/30/17	12 pcs	0 pcs	12 pcs	\$11.85/pcs	\$142.20
19	169288	646.9910	Struts Issue P/O to ATG : Hard Anodize, Color Black and Prime as per Dwg 646.9900 rev. N/C	Firmed	1/30/17	25 pcs	0 pcs	25 pcs	\$14.10/pcs	\$352.50
20	166819	D4838-1	Upper Cutter Body, LH Issue P/O: _____ ATG, black anodize and prime as per dwg D4838-1 Rev. A	Firmed	1/30/17	10 pcs	0 pcs	10 pcs	\$10.95/pcs	\$109.50
21	166821	D4838-2	Upper Cutter Body, RH Issue P/O: _____ ATG, black anodize and prime as per dwg D4838-2 Rev. A	Firmed	1/30/17	1 pcs	0 pcs	1 pcs	\$10.95/pcs	\$10.95
22	166822	D4838-2	Upper Cutter Body, RH Issue P/O: _____ ATG, black anodize and prime as per dwg D4838-2 Rev. A	Firmed	1/30/17	17 pcs	0 pcs	17 pcs	\$10.95/pcs	\$186.15
23	169560	SWA6A-800A	Connector Bushing -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEAL - Certificate of Conformity is required	Firmed	1/30/17	6 pcs	0 pcs	6 pcs	\$3.10/pcs	\$18.60
24	169654	SWA6A-700	Wire Clamp -Issue P/O to ATG: _____ -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	1/30/17	12 pcs	0 pcs	12 pcs	\$7.45/pcs	\$89.40
25	169600	RBT18538-1	Left Seat Brace -Issue P/O to ATG: _____ -ANODIZE COLOR CLEAR, PER IAW MIL-A- 8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	1/30/17	2 pcs	0 pcs	2 pcs	\$14.58/pcs	\$29.16

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
26	169599	RBT18538-3	Right Seat Brace -Issue P/O to ATG: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed	1/30/17	1 pcs	0 pcs	1 pcs	\$14.58/pcs	\$14.58
Grand Total:										\$3,919.69
Order Notes										
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A022 Apical Processing A024 process certifications A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents A048 counterfeit parts avoidance, detection, mitigation and disposition program A049 supplier awareness Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.										

Plex 1/25/18 8:55 AM dart.gagnon.michelle



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914525

Date: 31-Jan-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chantal Lavoie
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
6 ea	Part: SWA6A-800A Connector Bushing Clear Hard Anodize per MIL-A-8625F, Type III, Class 1, Water Sealant Job: 22313	Rev: 4	PO: PO038727 Line: 23
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>1/2/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			